

Castilleja martinii* Abrams var. *clokeyi* (Pennell) N. Holmgren*CLOKEY PAINTBRUSH****FAMILY:** Scrophulariaceae, the figwort family.**SYNONYMS:** *Castilleja applegatei* ssp. *martinii* (in part)
*Castilleja clokeyi***STATUS:**

USFWS/ESA: none. STATE OF NEVADA: none. BLM: none. USFS: none. NNNPS: none.

Heritage Program WATCH LIST, ranks: G3Q T3Q S3**POPULATION CENSUS (NEVADA):** 38 occurrences mapped at 1.0 km (0.6 mi) separation, OR 51 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 3031+, total estimated area unknown.**TREND:** unknown.**IMPACTS AND MAJOR THREATS (NEVADA):** No summary available (see references).**INVENTORY EFFORT (NEVADA):** Surveys have been sporadic and remain largely incomplete. Most recent entered survey 1999, average year of last survey 1976. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 3.9%; **6-10 yrs:** 37.3%; **11-20 yrs:** 3.9%; **21-30 yrs:** 9.8%; **31-50 yrs:** 31.4%; **51+ yrs or unknown:** 13.7%.**LAND MANAGEMENT (NEVADA)** in decreasing predominance: Humboldt-Toiyabe National Forest, designated wilderness, U. S. Department of Energy, U. S. Fish and Wildlife Service, U. S. Department of Defense, U. S. Bureau of Land Management, private lands, National Park Service.**RANGE:** Clark and Nye counties, Nevada; also in CA. Maximum Nevada **range dimension 205.1 km (127.5 mi)** excluding most disjunct record.**ELEVATIONS RECORDED (NEVADA):** 2730-11500 feet (832-3505 meters).**HABITAT:** no summary available (see references).**PHENOLOGY:** no summary available. Range of most frequent **survey months:** May-August.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Hall (1991), Knight and Smith (1995); Nevada Natural Heritage Program slide collection (1986-present).**ILLUSTRATIONS:** Cronquist et al. (1984).**OTHER GENERAL REFERENCES** (listed separately): Beatley (1976), Clokey (1951), Hickman (1993), Nachlinger (1994), Niles et al. (1999).**SPECIFIC REFERENCES:**Holmgren, N. H. 1971. A new species of Penstemon from Nye County, Nevada. *Alico* 7: 351-356.Holmgren, N. H. 1971. A taxonomic revision of the *Castilleja viscidula* group. *Memoirs of the New York Botanical Garden* 21(4): 55-56.

Kurzius, M. 1981. Vegetation and flora of the Grapevine Mountains, Death Valley National Monument, California/Nevada. Las Vegas: University of Nevada, M. S. thesis.

Nachlinger, J. and S. Sheldon. 1995. Status report for *Astragalus oophorus* var. *clokeyanus*. Reno: The Nature Conservancy, prepared for the U. S. Fish and Wildlife Service, Reno. 20 pages + two appendices.Smith, F. 1995. Status report for *Antennaria soliceps*. Reno: The Nature Conservancy, prepared for the U. S. Fish and Wildlife Service, Reno. 11 pages + two appendices.Smith, F. 1995. Status report for *Ivesia cryptocaulis*. Reno: The Nature Conservancy, prepared for the U. S. Fish and Wildlife Service, Reno. 11 pages + two appendices.Smith, F. 1995. Status report for *Sphaeromeria compacta*. Reno: The Nature Conservancy, prepared for the U. S. Fish and Wildlife Service, Reno. 10 pages + two appendices.Woodbury, K. 1980. Status report for *Draba jaegeri*. Portland, Oregon: U. S. Fish and Wildlife Service.**OF FURTHER INTEREST:** The species and variety are recognized in Intermountain Flora (Cronquist et al. 1984), but are submerged in *Castilleja applegatei* ssp. *martinii* in the Jepson Manual (Hickman 1993).